

# **A N N U A L R E P O R T**

*of the*

**Medical Officer of Health**

*for 1962*



**RIVER BLYTH PORT HEALTH AUTHORITY**





# RIVER BLYTH PORT HEALTH AUTHORITY

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## ANNUAL REPORT

of the

### Port Medical Officer of Health

for YEAR 1962

WATERLOO HOUSE,  
WATERLOO ROAD,  
BLYTH.

January, 1963.

To the Chairman and Members of the River Blyth Port Health Authority.

Ladies and Gentlemen,

Once again it is my privilege to place before you the Annual Report on the work of the Port Health Administration for the Port of Blyth, for the year, 1962.

As in preceding years this report is presented in accordance with the instructions issued by the Minister of Health—Form Port 20, and Circular 33/52. Detailed information will be found in the Sections I to XVI.

The total number of vessels which arrived during the year was 3,463 including Fishing Vessels. This is a slight decrease on the previous year. Foreign Vessels (Foreign and Coastwise) numbered 1,075 including Fishing Vessels. The number of arrivals direct from Foreign Ports was a slight decrease on the previous year.

The amount of Coal and Coke Shipped from the Port during the year was 5,932,451 tons, this also includes Bunker Coal. This is a slight decrease on the previous year. Imports discharged at the Port were: Timber, 25,653 loads, Cement 22,979 tons, Roofing Tiles and Sundries 6,793 tons.

#### **PUBLIC HEALTH (SHIPS) REGULATIONS, 1952**

The above Regulations became operative from the 1st October, 1952, and deal with the Infectious Diseases, now to be known as Quarantinable Diseases, sanitary control of ships and persons, Deratting Certificates, etc. Certificates issued will be found in the appropriate Tables.

#### **INSPECTION OF VESSELS**

The work of dealing with nuisances and defects (structural and otherwise) will be found in the appropriate tables included in the report.

I again record with pleasure the kind assistance received from time to time from the Blyth Harbour Commission, River Pilots, H.M. Customs Officers, Immigration Officer, also the Ministry of Transport Surveyors for their help and co-operation with the staff of the Port Health Authority.

R. J. P. R. CAMPBELL, M.B., Ch.B.,  
Medical Officer of Health,

**RIVER BLYTH PORT HEALTH AUTHORITY**

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**MEMBERS OF AUTHORITY AT 31st DECEMBER, 1962**

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Chairman: COUNCILLOR J. HUDSPITH

Vice-Chairman: COUNCILLOR E. BREADIN

ALDERMAN F. RAFFERTY

COUNCILLOR J. HAIG

ALDERMAN MRS. L. M. SUMMERS

COUNCILLOR A. H. PAYNE

ALDERMAN A. WALTON, J.P.

COUNCILLOR MRS. M. PURVES

COUNCILLOR G. COLPITTS

COUNCILLOR A. RUTHERFORD

COUNCILLOR W. COX

COUNCILLOR MRS. M. E. THOMPSON

## SECTION I—STAFF

Table A

| Name of Officer          | Nature of Appointment            | Date of Appointment | Qualifications  | Any other Appointments held           |
|--------------------------|----------------------------------|---------------------|---|---------------------------------------|
| MISS L. OWEN ...         | Clerk to the Authority           | 11th Sept., 1960    | A.C.I.S.  | Town Clerk's Staff, Borough of Blyth. |
| DR. R. J. P. R. CAMPBELL | Medical Officer of Health        | 1st October, 1949   | M.B., Ch.B.   | General Practice.                     |
| DR. R. CRAIG ...         | Deputy Medical Officer of Health | 1st April, 1957     | M.B., Ch.B.   | General Practice.                     |
| MR. NORMAN F. GODFREY    | Public Health Inspector          | 1st February, 1957  | Public Health Inspectors Certificate<br>R.S.I. Meat and Food Cert. R.S.I. | None.                                 |
| MR. ROBERT H. CRAMP      | Rodent Officer                   | 11th January, 1952  |   | None.                                 |
| MISS K. IRELAND ...      | Office Clerk                     | 7th December, 1959  |   | None.                                 |

Dr. R. J. P. R. Campbell's address:—Waterloo House, Waterloo Road, Blyth, Northumberland.

Telephone No.: BLYTH 3226.

## SECTION II

Amount of Shipping entering the District during the year

Table B

| Ships from          | Number | Tonnage   | Number Inspected |                                | Number of Ships reported as having or having had during the Voyage Infectious Diseases on board |
|---------------------|--------|-----------|------------------|--------------------------------|---|
|                     |        |           | By the M.O.H.    | By the Public Health Inspector |   |
| Foreign Ports ...   | 606    | 170,711   | 32               | 606                            | —   |
| Coastwise Ports ... | 2,857  | 2,509,185 | 35               | 2,857                          | —   |
| TOTALS ...          | 3,463  | 2,679,896 | 67               | 3,463                          | —   |



| FISHING VESSELS— |     |     |     | No. | Tonnage |
|------------------|-----|-----|-----|-----|---------|
| Foreign          | ... | ... | ... | 397 | 20,933  |
| Coastwise        | ... | ... | ... | 12  | 510     |

**Crews**

| Foreign | Coastwise | Fishing | Total  |
|---------|-----------|---------|--------|
| 3,013   | 44,116    | 4,384   | 51,513 |

**SECTION III**

**Character of Shipping and Trade during the year 1962**

**Table C**

|                       |   |                                     |     |     |     |     |      |
|-----------------------|---|-------------------------------------|-----|-----|-----|-----|------|
| Passenger Traffic ... | { | Number of Passengers INWARDS ...    | ... | ... | ... | ... | 60   |
|                       |   | Number of Passengers OUTWARDS       | ... | ... | ... | ... | 118  |
|                       |   | Passengers on Temporary Shore Leave | ... | ... | ... | ... | Nil. |

There is no regular passenger traffic at this Port (See table for Aliens).

|                   |   |                   |     |     |                     |                |              |
|-------------------|---|-------------------|-----|-----|---------------------|----------------|--------------|
| Cargo Traffic ... | { | Principal Imports | ... | ... | Mining Timber       | ...            | 18,779 loads |
|                   |   |                   |     |     | Other Timber        | ...            | 6,874 loads  |
|                   |   |                   |     |     | Cement              | ...            | 22,979 tons  |
|                   |   |                   |     |     | Roofing Tiles       | ...            | 2,024 tons   |
|                   |   |                   |     |     | Sundry              | ...            | 4,769 tons   |
|                   | { | Principal Exports | ... | ... | Coal & Coke (Cargo) | 5,876,179 tons |              |
|                   |   |                   |     |     | (Bunkers)           | 56,272 tons    |              |
|                   |   |                   |     |     | Fuel Oil (Bunkers)  | 3,357 tons     |              |
|                   |   |                   |     |     | Sundry              | ...            | 1,619 tons   |
|                   |   |                   |     |     |                     |                |              |

Fish landed was valued at £36,187.

Principal Ports from which Ships arrive:—

**FOREIGN PORTS—**

|          |     |  |
|----------|-----|--|
| BELGIUM  | ... | Antwerp, Brussels, Ghent, Nieuwpoort.  |
| DENMARK  | ... | Aalborg, Aarhus, Copenhagen, Esbjerg, Koge, Odense, Randers, Skive, Svendborg, Vejle.  |
| FAEROES  | ... | Klaksvik, Sorvag, Torshavn.  |
| FINLAND  | ... | Abo, Hamina, Helsinki, Himanka, Kemi, Kotka, Mantyluoto, Topila.   |
| FRANCE   | ... | Bayonne, Breste, Calais, Dieppe, Dunkirk, Nantes, Rouen, St. Malo, Treport, Granville.   |
| GERMANY  | ... | Bremen, Cuxhaven, Flensburg, Gluckstadt, Hamburg, Haren-Ems, Itzehoe, Kiel, Leer, Lubeck, Osten, Rendsburg, Schulau, Schwartzenhuiten, Stade.                          |
| HOLLAND  | ... | Amsterdam, Delfzijl, Dordrecht, Groningen, Harlingen, Katwijk, Noordijk, Ommel, Kampen, Schoorldam, Schveningen, Terneuzen, Vlaardingen, Zaandam, Zwartsluis, Ymuiden. |
| ITALY    | ... | Livorno.   |
| NORWAY   | ... | Aalvik, Bergen, Haugesund, Odda, Oslo, Stavanger.  |
| PANAMA   | ... | Panama.  |
| POLAND   | ... | Gdnyia, Stettin, Swinouisce, Wladyslawawa.   |
| PORTUGAL | ... | Lisbon, Setubal.   |
| SPAIN    | ... | Bilbao.  |
| SWEDEN   | ... | Christinehamn, Gefle, Halmstad, Gothenborg, Karlskrona, Lerberget, Lidkoping, Malmo, Stockholm, Vastervik.   |

## **SECTION IV**

### **Inland Barge Traffic**

There is no barge traffic at the Port.

## **SECTION V**

### **Water Supply**

Samples have been taken regularly from points on the West Staithes, North and South Side, South Harbour and Blyth Harbour Commissioners Waterboat 110 were submitted for bacteriological examination and of these 22 were found to be unsatisfactory.

Of the above samples submitted to the Laboratories 71 were taken during the routine monthly sampling and of these only 7 were found to be slightly unsatisfactory.

However during the month of July as a result of this regular sampling, heavy contamination was found to be present in some of the hydrants on the South Staithes. Use of the specific hydrants was then discontinued and systemic sampling commenced to locate the source of contamination. It was during this period that of the 39 samples submitted to the laboratories 14 were found to be highly unsatisfactory. With the full co-operation of the Newcastle & Gateshead Water Co., and Blyth Harbour Commission, the source was finally located and eliminated and since then all samples submitted have been satisfactory.

## **SECTION VI**

### **Public Health (Ships) Regulations, 1952**

No change.

## **SECTION VII**

### **Smallpox**

1.—The Northern Regional Hospitals Board have made arrangements for the admission of Smallpox cases to the Langley Park Isolation Hospital, Co. Durham (Telephone No.: Chester-le-Street 3207). The Doctor in Charge of this hospital will be Dr. Gavin Miller, of Sacriston, Co. Durham. His Telephone No. is Sacriston 232.

2.—The Northumberland County Council are responsible for the ambulance service. Dr. A. Donaldson, the Medical Officer for the Blyth and Bedlington Local Authorities, is responsible for the vaccinal state of the ambulance crews.

3.—NAME OF SMALLPOX CONSULTANT AVAILABLE:—

DR. WILSON MINNS,  
16, Rectory Drive,  
Gosforth, 3,  
Newcastle upon Tyne.  
Telephone No.: Gosforth 5-4282.

4.—FACILITIES FOR LABORATORY DIAGNOSIS OF SMALLPOX. Laboratory facilities are provided at the General Hospital, Westgate Road, Newcastle upon Tyne, 4.

## **SECTION VIII**

### **Venereal Disease**

No change.



## SECTION IX

Cases of notifiable and other Infectious Diseases on ships.

**Table D**

| Category  | Disease | Number of Cases during the year |      | Number of ships concerned |
|---|---------|---------------------------------|------|---------------------------|
|   |         | Passengers                      | Crew |                           |
| Cases landed from ships from Foreign Ports  | Nil     | Nil                             | Nil  | Nil                       |
| Cases which have occurred on ships from foreign ports, but have been disposed of before arrival     ...     ...     ...     ... | Nil     | Nil                             | Nil  | Nil                       |
| Cases landed from other ships     ...     ...   | Nil     | Nil                             | Nil  | Nil                       |

Although during the year there were no actual cases of Notifiable Infectious disease in the port, notification was received from the Port Medical Officer of Swansea Port Health Authority on the 18th August, that a case of suspected Paratyphoid Fever landed from the M.V. Birdwood, which was proceeding to Blyth, had been confirmed. On receipt of the Telegram, full quarantine precautions were immediately put in hand every co-operation being accorded by the H.M. Customs, Pilots, Blyth Harbour Commission and the Police. The Public Health Laboratories were contacted re the provision of serum and submission of specimens if necessary. However, on arrival of the vessel it was found that the man had had little contact with the crew, having only signed on and then reported sick. No symptoms of the disease were found after medical examination of the crew. Strict surveillance was maintained during the remainder of the vessel's stay in port, but there were no adverse developments. During investigation it was discovered that the man in question had been in contact with cases on another ship trading in the Middle East area.

### Observation on the occurrence of Malaria in ships

No cases of Malaria have been reported during the year.

## SECTION XI

### Measures taken against Ships infected with or suspected of Plague

Inquiries as to the prevalence of rats are made on all ships in Port (whether in possession of Deratting Certificates or Deratting Exemption Certificates or not) and a systematic inspection is carried out on all ships arriving directly or otherwise from foreign ports.

A systematic search for evidence of infestation is carried out on all vessels.

## SECTION XII

### Measures against Rodents in Ships from Foreign Ports

1.—On arrival at the Port vessels are examined and if there is any evidence of rats notice is at once served on the Master. The Port Health Authority have their own official Rodent Operator. Particular attention is given to vessels arriving directly or indirectly from infected areas.

2.—Rats when caught are examined and facilities are provided by the Public Health Laboratory, Newcastle upon Tyne for detailed bacteriological examination of any specimens when necessary.



3.—When a vessel is found to be infested with rats notice is served on the Master requesting fumigation. He, through his Agent, gets in touch with an authorised firm of fumigators to carry out the work. The chief and most popular method is by Hydrogen Cyanide. The standard required for International purposes is strictly adhered to. Sulphur Dioxide is now rarely used.

When vessels are undergoing fumigation every precaution is taken, such as posting of notices on the ships, also the fencing off of the gangways to render the process as free as possible from accidents. The minimum period for exposure for this gas is two hours, generally four to six in practice, and this effects a considerable saving of time compared with the older method of Sulphur Dioxide.

Contractors who carry out fumigations HCN at this port are:—

Messrs. A. MILBURN & Co. LTD.,  
Mill Dam,  
South Shields.

Messrs. BARBER & HERRON,  
Templetown,  
Tyne Dock,  
South Shields.

4.—In the Construction of modern vessels considerable progress has been made in the provision of rat-proof compartments. Bulkheads and partitions are usually steel, and with a minimum of timber, it is difficult for rodents to find harbourage. Modern Naval Architecture is coping with the problem satisfactorily.

**Table E**  
**Rodents destroyed during the year in Ships from Foreign Ports**

| Category             |     |     |     |     | Number |
|----------------------|-----|-----|-----|-----|--------|
| Black Rats           | ... | ... | ... | ... | —      |
| Brown Rats           | ... | ... | ... | ... | —      |
| Species not known    | ... | ... | ... | ... | —      |
| Sent for examination | ... | ... | ... | ... | —      |
| Infected with Plague | ... | ... | ... | ... | —      |

The total number of brown rats recovered from the Quayside after poison baits have been put down was 530.

All rats recovered are examined and where any abnormalities are noted are sent to the Public Health Laboratory, Newcastle upon Tyne for further detailed examination.

Table F

**Deratting Certificates and Deratting Exemption Certificates issued during the year 1960  
for Ships from Foreign Ports**

| No. of Deratting Certificates issued |                                  |                   |                    |       | Number of<br>Deratting<br>Exemption<br>Certificates<br>issued | Total<br>Certificates<br>issued |
|--------------------------------------|----------------------------------|-------------------|--------------------|-------|---|---------------------------------|
| After Fumigation with                |                                  | After<br>Trapping | After<br>Poisoning | Total |   |                                 |
| HCN                                  | Other Fumigant<br>(state method) |                   |                    |       |   |                                 |
| —                                    | —                                | —                 | —                  | —     | 113   | 113                             |

**Deratting Certificates and Deratting Exemption Certificates  
issued during the year 1962**

| Net Tonnage                                 | No. of<br>Ships | No. of Deratting<br>Certificates issued |         |                       |  | No. of<br>Deratting<br>Exemption<br>Certificates<br>issued | Total<br>Certificates<br>issued |
|---|-----------------|---|---------|-----------------------|--|--|---------------------------------|
|   |                 | After Fumigation<br>with                |         |                       | After<br>Trapping<br>Poisoning,<br>&c. |  |                                 |
|   |                 | HCN                                     | Sulphur | HCN<br>and<br>Sulphur |  |  |                                 |
| Ships up to 300 tons ...                    | 36              | —                                       | —       | —                     | —                                      | 36   | 36                              |
| Ships from 301 tons to<br>1,000 tons ...    | 39              | —                                       | —       | —                     | —                                      | 39   | 39                              |
| Ships from 1,001 tons<br>to 3,000 tons ...  | 34              | —                                       | —       | —                     | —                                      | 34   | 34                              |
| Ships from 3,001 tons<br>to 10,000 tons ... | 4               | —                                       | —       | —                     | —                                      | 4  | 4                               |
| Ships over 10,000 tons                      | —               | —                                       | —       | —                     | —                                      | —  | —                               |
| TOTAL ...                                   | 113             | —                                       | —       | —                     | —                                      | 113  | 113                             |



**SECTION XIII**  
**Inspection of Ships for Nuisances**

**Table G**  
**Inspection and Notices**

| Nature and Number<br>of Inspections | Notices Served    |               | Result of<br>Serving Notices |
|-------------------------------------|-------------------|---------------|------------------------------|
|                                     | Statutory Notices | Other Notices |                              |
| Routine Inspections ... S/S 1,319   | Nil               | 219           | Defects remedied             |
| Do. ... M/V 1,735                   | Do.               | 136           | Do.                          |
| Do. ... F/V 409                     | Do.               | —             | —                            |
| TOTAL ... 3,463                     | Do.               | 355           | Do.                          |

**SECTION XIV**  
**Public Health (Shell-fish Regulations) 1934 and 1948**

No change.

**SECTION XV**  
**Medical Inspection of Aliens**

This is not an approved Port for the landing or inspection of Aliens.

The number of Aliens who arrived at the Port was Nil. (See Table C, Section III).

**SECTION XVI**  
**Miscellaneous**

**Mortuary**—No change.

**Food Inspection**—No change.

**NATIONALITIES OF SHIPS**

|            |     |     |     |     |       |
|------------|-----|-----|-----|-----|-------|
| British... | ... | ... | ... | ... | 2,702 |
| German     | ... | ... | ... | ... | 208   |
| Dutch ...  | ... | ... | ... | ... | 98    |
| Swedish    | ... | ... | ... | ... | 29    |
| Norwegian  | ... | ... | ... | ... | 6     |
| Danish     | ... | ... | ... | ... | 4     |
| Finn ...   | ... | ... | ... | ... | 3     |
| Faeroes    | ... | ... | ... | ... | 2     |
| Panamain   | ... | ... | ... | ... | 2     |
| TOTAL      | ... | ... | ... | ... | 3,054 |

### FISHING VESSELS

|                          |     |     |     |     |       |
|--------------------------|-----|-----|-----|-----|-------|
| Polish ...               | ... | ... | ... | ... | 301   |
| Dutch ...                | ... | ... | ... | ... | 90    |
| British...               | ... | ... | ... | ... | 12    |
| German                   | ... | ... | ... | ... | 5     |
| Norwegian                | ... | ... | ... | ... | 1     |
|                          |     |     |     |     | 409   |
| GRAND TOTAL FOR THE YEAR |     |     |     |     | 3,463 |

### VESSELS BOARDED

The following table gives a list of vessels boarded during the year by the Medical Officer of Health or Public Health Inspector on account of disease on board during the voyage or whilst in Port.

All cases set out below received attention and treatment.

| Date     | Name of Vessel and Nationality           | Where from | Rating              | Sickness           |
|----------|--|------------|---------------------|--------------------|
| 13. 1.62 | M.V. Queensgate (British)                | Methil     | Engineer            | Influenza          |
| 17. 1.62 | M.V. Corbrae (British)                   | Limerick   | Mate                | Influenza          |
| 17. 1.62 | S.S. Lord Citrine (British)              | London     | Mate                | Influenza          |
| 18. 1.62 | S.S. Pompey Light (British)              | Portsmouth | 2 Seamen            | Influenza          |
| 27. 1.62 | M.V. Truus (Dutch)                       | Perth      | 2 Seamen            | Influenza          |
| 27. 1.62 | S.S. Birte Oldendorff (German)           | Amsterdam  | Seaman              | Injury to shoulder |
| 27. 1.62 | S.S. Birte Oldendorff (German)           | Amsterdam  | Seaman              | V.D.               |
| 8. 2.62  | S.S. Capt. J. M. Donaldson<br>(British)  | London     | Seaman              | Influenza          |
| 8. 2.62  | M.V. Hille Oldendorff (German)           | Hamburg    | Seaman              | V.D.               |
| 28. 2.62 | S.S. Hudson Sound (British)              | London     | 2 Seamen            | Scabies            |
| 6. 3.62  | M.V. Annelise Christopherson<br>(German) | Glasgow    | Seaman              | V.D.               |
| 18. 3.62 | M.V. Leven Fisher (British)              | Belfast    | Mate                | Accident to foot   |
| 11. 4.62 | M.V. Moira M. (British)                  | Leith      | Chief Engin-<br>eer | Accident           |
| 7. 4.62  | M.V. Melissa M. (British)                | London     | Seaman              | Accident           |
| 28. 6.62 | W.L.A. 110, (Pole)                       | Sea        | Seaman              | Migraine           |
| 28. 6.62 | W.L.A. 118 (Pole)                        | Sea        | Seaman              | Injured Hand       |
| 20. 7.62 | S.Z.N. 45 (Pole)                         | Sea        | Seaman              | Accident to eye    |
| 30. 7.62 | S.C.H. 87 (Dutch)                        | Sea        | Boy                 | Accident to eye    |
| 8. 9.62  | W.L.A. 138 (Dutch)                       | Sea        | Seaman              | Dental treatment   |
| 14. 9.62 | W.L.A. 135 (Pole)                        | Sea        | Seaman              | Fractured Ribs     |
| 17. 9.62 | W.L.A. 137 (Pole)                        | Sea        | Seaman              | Groin in ury       |
| 30. 9.62 | M.V. Arabritt (Swede)                    | Rotterdam  | Seaman              | Accident to foot   |
| 30. 9.62 | M.V. Sanguity (British)                  | Belfast    | Master              | Pleurisy           |
| 1.10.62  | M.V. Arabritt (Swede)                    | Rotterdam  | Seaman              | Accident to foot   |
| 8.10.62  | S.S. Sir Joseph Swann (British)          | London     | Mate                | Accident to eye    |



| Date     | Name of Vessel and Nationality      | Where from | Rating     | Sickness         |
|----------|-------------------------------------|------------|------------|------------------|
| 12.10.62 | W.L.A. 138 (Pole)                   | Sea        | 2 Seamen   | Dental treatment |
| 2.11.62  | S.S. Lord Citrine (British)         | London     | 2nd Mate   | Acute Bronchitis |
| 12.11.62 | M.V. Greenland (British)            | London     | Bosun      | Accident to head |
| 13.11.62 | M.V. Maythorn (British)             | Coleraine  | 2nd Eng.   | Throat infection |
| 16.11.62 | M.V. Osborne Queen (British)        | Goole      | Seaman     | Accident to eye  |
| 10.12.62 | M.V. Greenland (British)            | London     | 2nd Eng.   | Chickenpox       |
| 10.12.62 | M.V. Tynewood (British)             | Poole      | Chief Eng. | Influenza        |
| 24.12.62 | M.V. Celebrity (British)            | Exmouth    | Cook       | Accident         |
| 24.12.62 | M.V. Sandringham Queen<br>(British) | Antwerp    | 2nd Mate   | Pleurisy         |

### **Prevention of Damage by Pests Act, 1949**

#### **Prevention of Damage by Pests (Application to Shipping) Order, 1951**

18 Rodent Control Certificates were issued during the year.

The charges for the issue of Deratting and Deratting Exemption Certificates were increased from 1st September, 1961, so that some coasting vessels have requested to be issued with Rodent Control Certificates. This latter type of Certificate is not valid outside British waters.

### VESSELS FOUND HAVING STRUCTURAL OR SANITARY DEFECTS

|               |     |     | Structural Defects |           | Sanitary Defects |           | TOTAL |
|---------------|-----|-----|--------------------|-----------|------------------|-----------|-------|
|               |     |     | Foreign            | Coastwise | Foreign          | Coastwise |       |
| British Steam | ... | ... | 12                 | 59        | 8                | 136       | 215   |
| British Motor | ... | ... | 13                 | 38        | 16               | 60        | 127   |
| British Sail  | ... | ... | —                  | —         | —                | —         | —     |
| Foreign Steam | ... | ... | —                  | —         | 4                | —         | 4     |
| Foreign Motor | ... | ... | 1                  | 1         | 3                | 4         | 9     |
| Foreign Sail  | ... | ... | —                  | —         | —                | —         | —     |
| TOTALS        | ... | ... | 26                 | 98        | 31               | 200       | 355   |

It was found necessary to carry out disinfestation of crew's quarters on 4 vessels during the year. This was carried out by the Officers of the Authority.



# DEFECTS

|   | Work in<br>hand | Work<br>completed | Total |
|---|-----------------|-------------------|-------|
| Fresh water tanks repaired or renewed ... ..                  | —               | 7                 | 7     |
| Fresh water tanks cleaned and cement washed ... ..            | —               | 39                | 39    |
| Fresh water systems repaired ... ..                           | —               | 14                | 14    |
| Sanitary tanks repaired or renewed ... ..                     | —               | 10                | 10    |
| Sanitary pipes repaired or renewed ... ..                     | —               | 13                | 13    |
| W.C's discharging on quay ... ..                              | —               | 11                | 11    |
| W.C's repaired or renewed ... ..                              | —               | 19                | 19    |
| Showers repaired and renewed ... ..                           | —               | 10                | 10    |
| Wash Basins repaired or renewed ... ..                        | —               | 8                 | 8     |
| Washing up sinks renewed ... ..                               | —               | 3                 | 3     |
| Central heating systems repaired ... ..                       | —               | 13                | 13    |
| Crews' accommodation cleaned and painted ... ..               | —               | 24                | 24    |
| Officers' accommodation cleaned and painted ... ..            | —               | 18                | 18    |
| Crews' accommodation treated for condensation ... ..          | —               | 3                 | 3     |
| Galleys cleaned and painted ... ..                            | —               | 29                | 29    |
| Galley stoves repaired or renewed ... ..                      | —               | 17                | 17    |
| Provision stores cleaned out and painted ... ..               | —               | 2                 | 2     |
| Refrigerators repaired or cleaned ... ..                      | —               | 10                | 10    |
| Scupper pipes cleared ... ..                                  | —               | 10                | 10    |
| Scupper pipes repaired or renewed ... ..                      | —               | 14                | 14    |
| Port lights repaired or renewed ... ..                        | —               | 57                | 57    |
| Disinfestation for vermin of bedding and accommodation ... .. | —               | 4                 | 4     |
| Refuse deposited on quay ... ..                               | —               | 9                 | 9     |
| Emissions of smoke ... ..                                     | —               | 11                | 11    |
| TOTALS ... ..   | —               | 355               | 355   |

## VESSELS ARRIVING FROM INFECTED OR SUSPECTED PORTS

The following table gives the number of vessels boarded in Blyth by the Officers of the Port Health Authority, on account of them coming directly or indirectly from Foreign Ports, infected or suspected of being infected with Cholera, Plague, Yellow Fever, Smallpox, Typhus Fever, or Relapsing Fever.

| 1962          | From Infected Ports to Blyth |          | From Suspected Ports to Blyth |          | TOTAL |
|---------------|------------------------------|----------|-------------------------------|----------|-------|
|               | Direct                       | Indirect | Direct                        | Indirect |       |
| January ...   | —                            | —        | —                             | —        | —     |
| February ...  | —                            | —        | —                             | 2        | 2     |
| March ...     | —                            | —        | —                             | —        | —     |
| April ...     | —                            | —        | —                             | —        | —     |
| May ...       | —                            | —        | —                             | —        | —     |
| June ...      | —                            | —        | —                             | —        | —     |
| July ...      | —                            | —        | —                             | —        | —     |
| August ...    | —                            | —        | —                             | —        | —     |
| September ... | —                            | —        | —                             | —        | —     |
| October ...   | —                            | —        | —                             | —        | —     |
| November...   | —                            | —        | —                             | —        | —     |
| December ...  | —                            | —        | —                             | —        | —     |
| TOTAL ...     | —                            | —        | —                             | 2        | 2     |











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